FAX



Osage Nation ENR Department
P.O. Box 1495
Pawhuska, OK 74056
918-287-5333

To: Ray Leissner Fax Number: 214 665-2191 Cc:

From: Mistvan Gament Fax Number: 918.287.5581

Date: 5-25-10

Regarding: OSO205

Pages: 28

Phone number for follow-up:

918.287.5333



May 19, 2010

Osage ENR Office First National Bank Building 100 W. Main St., Suite 304 Pawhuska, Oklahoma 74056

Re:

Lease Name: North Burbank Unit Tract 15

Well No:

W21

Location:

SW/4 Sec 11-T27N-R05E

Osage County, Oklahoma

Dear ENR Personnel:

Please find Chaparral Energy, L.L.C.'s CO2 Permit Application for the referenced well. This well is currently a "By-Rule" water injection well and that will not change. However, in discussion with EPA personnel in Dallas, it was found necessary to permit this well for the CO2 injection also. This way the well can be used to inject both types of fluid. Notice we said fluid because at the temperature and pressure we are proposing the CO2 which is normally thought of as a gas will be in its liquid state.

Chaparral is undertaking a large project to bring all the wells in the area of this well up to standards which will contain the CO2 within the Burbank Injection Zone. We are also enclosing Form 139's which have been filed with the Bureau of Indian Affairs Osage Agency to workover surrounding producing and shut-in producer wells. This should show you and the EPA that Chaparral is serious about containing CO2 within the Burbank. Since CO2 is a commodity which Chaparral will purchase and transport to the Unit for use, Chaparral does not want to lose it to other zones or the atmosphere.

We have explained to EPA permitting personnel in the Regional Office that there is a pressure factor involved with this injection which must be met to obtain adequate reservoir pressure to obtain miscible flooding. That pressure is believed to be near 1060 psig for the Burbank at our proposed injection temperature. This will help create the most efficient WAG (water and gas) Flood.

Osage ENR Office May 19, 2010 Page 2 of 2

If you have any questions or need more data, please contact us at the address listed.

Sincerely,

Chaparral Energy, L.L.C.

David P. Spence

Manager of Regulatory Affairs Direct Number: (405) 426-4397 Direct Fax: (405) 425-8897

E-Mail: david.spencer@chaparralenergy.com

Enclosures

cc:

Mr. Ray Leissner, EPA Region 6, 14 David Spancer - Chapperal 426-4397 part of COZ flood needs them ASAP for water disposal to be completed by UIC Unice

Well Name & No.: MU 15-21

Permit #: 050205

Date Rec'd: 5-24-10

PERMIT APPLICATION CHECKLIST

	Attached	Not Attached	
1.			Osage Form 139, "Application for Operation or Report on Wells.
2.			Osage Form 208 "Completion Report".
3.			Copy of Plat Map showing wells within 1/4 mile radius of proposed well.
4.			Tabulation of data on wells within 1/4 mile radius including well name, company name, date drilled, depth, exact location, status of well & record of pluggings/completions.
5.			Injection well schematic showing total depth and plugback depth, depth from top & bottom of casing(s) & cemented intervals, cement amount, depth & size of casing & tubing, including depth of packer.
6.			Operating data including: type of well; maximum and average injection rate; source and analysis of injected fluids including TDS, chlorides and additives; major geological formation with top bottoms.
7.	<u></u>		Geological data of the injection zones including name(s), total thickness, porosity, lithologic description, permeability, injection depth, reservoir pressure/fluid level. Address the presence or absence of faults.
8.			Public Notice verifications, consisting of a list showing names, addresses, and date that notice of permit application was given or sent to the surface land owner, tenants of land where the injection well will be located, each operator of a producing lease within ½ mile of the well location.
9.			All available logging & testing data of the well attached.

Pawhoska Jechnician/Administrative Review

6W-SE Reviewer

	Attached	Not Attached	
10.		» <u></u>	Copy of surety bond filed with the BIA superintendent (25 CFR §266.6).
11,			Certification form signed by the well owner/operator or authorized representative. (Authorization must be attached & in writing.)
. 12.	YES	NO	Has the applicant declared any part of his submission as confidential? {147.2907}
13.	YES	NO	Is the well currently Authorized by Rule? If yes, Inventory No. 020-1
14.	YES	NO	Was the applicant required by EPA to apply for a permit?
15.	YES	NO .	Is the permit applicant the owner/operator (Circle one or both.)
16.	YES	(NO)	Has the applicant requested emergency authorization to inject? If yes, attach emergency checklist.
17.	YES	NO	Berms and all facilities associated with saltwater system adequate?
		e,	

Date

NBU #15-21 (INJ)

WELL OPERATION & GEOLOGICAL DATA

Permit Number_OSD20|

Type of injection well. Luk -cu	2	(Man Very Man)	Brown Authorized by Rule
(EOR / SWD/	HC Storage)	Lor	- whiter
Injection:			
Rate (B/D): Average 4000 M	CF @ 1060 psig	_Maximum60	00 MCF @ 1060 psig
Fluid: Tds	_ sp. Gr	Analyse	s included: (nocesso/No)
Source (Formation name): And	hropogenic form va	rious sources	
Will anything be added to the v	vater to be injected?	(Yes/No)	
What will those additives be? _			
Geologic Data:			
All references to depths are	below land surface		
Injection Intervals: 2989	to3061;		to .
Formation NameBurbank	Lithology	Sand	Porosity (%) 17
Permeability (md) 96	Total for	nation thickness	72
Perforated or open hole interval	Openhole 3003' -	- 3061"	
Formation NamePermeability (md)	Lithology_		Porosity (%)
Permeability (md)	Total for	nation thickness	
Perforated or open hole interval	IJ		
Current Fluid Level in Well ???			
Current Reservoir Pressure		Date_Not co	onverted Yet
Drill Stem Test (YOS / No.) If y			
Depth of nearest fresh water w	ell(s) 100' @ 3.1 1	nilesft,	
Facilities Associated with Inject			
Adequate Berm around tank batte	ry? (Yes/Makana)		
Leaking Flow Lines? (XXXX) No)		7.00	
-	E E		350 III 28
Formation:	7		
Top/Bottom From PBTD to Surface	e.) ·		
Checkerboard Lime	2140	/	170
Big Lime	2590	/2	670
Oswego Lime	2710	/2	805
Burbank sand	2989	/3	061 (TD)
	2. The second	1	

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION (§147.2918 (b) (s) and §147.2929 (d) (ii)

<u>Chaparral Energy, L.L.C.</u> is a (Operator Name)	pplying for a permit for a Class II
injection well. Well No. NBU 15-W21 is located 890	ft from My Cilling and
565 ft. from [ExxW] line. sw/4 Sec 11	
	27N 05E wp.) (Rge)
	Burhank Sand
The well will be used to inject co2 & Yormarton water the (Fluid Type)	(Formation Name)
for (aleproximenhanced recovery). The well operator's add	ress is
701 Cedar Lake Blvd., Oklahoma City, OK 73114	
(Street/P.O. Box/Clty/State/Zlp Code)	0
EPA may prepare a draft permit or a notice of intent to den	y this application. Following the
preparation of a draft permit or intent to deny, there will be	an opportunity for public comments.
For further information concerning the status of this applica	ition, please contact:
Osage UIC Office	
P. O. Box 1495	
Pawhuska, Oklahoma 74056	
Phone: (918) 287-5333	
N.P. O. I.T. (O. L.)	
Notice Sent To: (Suntanex Durana Operator) Circ	tle one
Name	
701 Cedar Lake Blvd.	a di
Address	W =
Oklahoma City, OK 73114	
City / State / Zip Code	
Loodify that the surface over /-> that the last the last	
I certify that the surface owner(s), the tenants on land when	e the injection well is located, and each
operator of a producing lease within one-half mile of the we	Il location was mailed a copy of this
notige as required by 40 CFR \$147.2918.	
(1/K)/m	
David P. Spencer	5/19/2010
(Owner/Operator Signature) Mgr. Reg. Affairs (Date	e of Notice)
*	Sa 19

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION (§147.2918 (b) (s) and §147.2929 (d) (ii)

Chaparral Energy, L.L.C.	is applying for a permit for a Class I	1
(Operator Name)		
injection well. Well No. NBU 15-W21 is located	d 890 ft. from [MOXS] line and	
565 ft. from [faxW] line. sw/4 Sec 11	27N 05E	
(1/4 Sec. & Sec. No.)	(Twp.) (Rae.)	
The well will be used to inject co. & Formation Wat	ato theBurbank_Sand	
The well will be used to inject co. & Formation Water	(Formation Name)	
for (alepossattenhanced recovery). The well operato	r's address is	
701 Cedar Lake Blvd., Oklahoma City, OK 7	73114	
(Street/P.O. Box/City/State/Zip	Code)	
EPA may prepare a draft permit or a notice of intent preparation of a draft permit or intent to deny, there For further information concerning the status of this Osage UIC Office P. O. Box 1495	will be an opportunity for public comme	ents.
Pawhuska, Oklahoma 74056		
Phone: (918) 287-5333		
Notice Sent To: (STATES CONTAIN) Tenant/Operation) Circle one	
Not Applicable		
Name	×	9
	2	
Address		
City / State / Zip Code		
,		
	*	
1 12 11 11		730
operator of a producing lease within one-half mile of notice as required by 40 CFR \$147.2918.	d where the injection well is located, ar the well location was mailed a copy of	id each this
Wind P. Spencer	5/19/2010	
(Owner/Operajor Signature) Mgr. Reg. Affairs	(Date of Notice)	
((Pare of Horiot)	

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION (§147.2918 (b) (s) and §147.2929 (d) (iI)

Chaparral Energy, L.L.C.	is applying for a permit for a Class II
(Operator Name)	
injection well. Well No. NBU 15-W21 is local	ted 890 ft. from 🖎 S] line and
565 ft. from [FixW] line. SW/4 Sec 11	
The well will be used to inject as T.	lo.) (Twp.) (Rge.)
The well will be used to inject co & Formation (Fluid Type)	Variety (198Burbank Sand
for (Mispossatienhanced recovery). The well operation	(Formation Name)
701 Cedar Lake Blvd., Oklahoma City, O	7 73114
(Street/P.O. Box/City/State	/Zip Code)
EPA may prepare a draft permit or a notice of interpreparation of a draft permit or intent to deny, the For further information concerning the status of the Osage UIC Office	re will be an opportunity for public comments
P. O. Box 1495	
Pawhuska, Oklahoma 74056	
Phone: (918) 287-5333	
Notice Sent To: (Surface Owner/ Notice Sent To: (Surface Owner	Círcle one
Name	
701 Cedar Lake Blvd.	
Address	
Oklahoma City, OK 73114	
City / State / Zip Code	
	3
certify that the surface owner(s), the tenants on lapperator of a producing lease within one-half mile notice as required by 40 CFR \$147.2918.	and where the injection well is located, and each of the well location was mailed a copy of this
Javid P. Spencer	5/19/2010
Owner Operator Signature) Mgr. Reg. Affairs	(Date of Notice)
/	3

This Bond Replaces Developers Surety and Indemnity Company Bond No. 886682C

Form 5-156 Oct. 1956

B001236

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF INDIAN AFFAIRS

NATIONWIDE OIL AND GAS LEASE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, Chaparral Oil, L.L.C.	parral Energy, L.L.C.,
of 701 Cedar Lake Blvd., Oklahoma, C	OK 73114
as principals, and U.S. Specialty Insurance Company	2.50
of 13403 Northwest Freeway, Houston, TX 77040 as surety are held and fi United States of America the sum of one hundred fifty thousand (\$150,000) of the United States for the payment of which, well and truly to be made, we bir of us, our and each of our heirs, successors, executors, administrators, and assigns firmly by these presents.	dollars, lawful money
Sealed with our seals and dated the day of Octob	ber xix 2004
The condition of this obligation is such that whereas the said principals have hereafter enter into or otherwise acquire an interest in oil and gas mining less prospecting permits of various dates and periods of duration covering lands or in by the United States in trust for individual Indians, or tribes or bands of Interestrictions against alienation without the consent of the Secretary of the Interestrepresentative, which leases and permits have been or may hereafter be granted Secretary of the Interior or his authorized representative, and the identification expressly waived by both principals and surety hereto.	ases and oil and gas nterests in lands held ndians, or subject to ior or his authorized
WHEREAS the principals and surety agree that the coverage of this bond include all extensions and renewals of leases and permits covered by this bon continue without any interruption due to the expiration of the term set forth the	nd, such coverage to
WHEREAS the suret v hereby waives any right to notice of any modification permit, or obligation thereunder whether effected by extension of time for performs of such lease to unit, cooperative, or communitization agreement, by waiver, susprental, except an increase thereof, by minimum royalty payment, except an compensatory royalty payment, or otherwise, this bond to remain in ful notwithstanding.	ance, by commitment pension, or charge in increase thereof, by
WHEREAS the principal s and suret y agree that the neglect or forbearance of such lease or permit in enforcing the payment of any rental or royalty or the perfocuenant, condition, or agreement of any such lease or permit shall not in a principal s and suret y or either of them, from any liability under this bond;	ormance of any other any way release the
WHEREAS the principals and surety agree that in the event of any default us or permit, the obligee may prosecute any claim, suit, action, or other proceeding	inder any such lease

Now, if the said principals herein shall faithfully carry out and observe all the obligations assumed in said leases and permits to which CEI Bristol Acquisition, L.P., Chaparral Energy, L.L.C., Chaparral Oil, L.L.C. is now or may hereafter become a party, and shall observe all the laws of the United States and regulations made, or which shall be made, thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed

principals and surety, or either of them, without the necessity of joining the other.

by the Secretary of the Interior relative to said particulars comply with the provisions of said I shall become null and void; otherwise, to rem	Cases Delillis Tilles and remilar	permits, and shall in all ions, then this obligation
The rate of premium charged on this be paid is \$*3,750.00**	oond is \$25/1000	; the total premium
Signed and sealed in the presence of- WITNESSES		
Thomas C. Lough	CEI Bristol Acquisition, L.P., Chaparral Oil, L.L.C.	Chaparral Energy, L.L.C.,
P.O. 701 Cedar Lake Blvd., OKC, OK 73114 Terrell N. Lay	23 to Marila	tiche SEAL
P.O. 701 Cedar Lake Blvd., OKC OK 73114	Mark A. Fische	r, Manager
P.O. Ohael Butle Molly Battenfield 777 Post Oak Blvd., Suite 330, Houston, TX 77056	U.S. Specialty Insurance	[SEAL]
P.O. Law C. Cary Dlane E. Carey 777 Post Oak Blvd., Sulte 330, Houston, TX 77056	W. Russell Brown, Jr.,	Attorney in-Fact
P.O		
P.O	as to	[SEAL]
P.O		
P.O	as to	[SEAL]
* Two witnesses to each signature	DEPARTMENT OF THE INT BUREAU OF INDIAN AFFAI DEPUTY BUREAU DIRECTO 1849 C STREET, N.W., MS-44 WASHINGTON, D. C. 20240	IRS OR-TRUST SERVICES
	2-	16 - , 2005
Approved:	Ben K. Burg	(10)
	DEPUTY BUREAU DIRECTO	R-TRUST SERVICES

Bond No.	B001236
Dolla No.	D001230

Important Notice Regarding Terrorism Risk Insurance Act of 2002

In accordance with the Terrorism Risk Insurance Act of 2002 (the "Act"), this disclosure notice is provided for surety bends on which U.S. Specialty Insurance Company is the issuing surety.

The premium attributable to any bond coverage for "acts of terrorism" as defined in Section 102(1) of the Act is Zero Dollars (\$0.00).

The United States will reimburse the Issuing Sureties for ninety percent (90%) of any covered losses from terrorist acts certified under the Act exceeding the applicable surety deductible.

The actual coverage provided by your bond for acts of terrorism, as is true for all coverages, is limited by the terms, conditions, exclusions, penalties, limits, other provisions of your bond and the underlying contract, any endorsements to the bond and generally applicable rules of law. This Important Notice Regarding Terrorism Insurance Risk Act of 2002 is for informational purposes only and does not create coverage nor become a part or condition of the attached document.

The rest of this page is intentionally left blank.

POWER OF ATTORNEY

PA001236

(To be used with bonds issued on behalf of U. S. SPECIALTY INSURANCE COMPANY)

Know All Men by These Presents That, U. S. SPECIALTY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Edwin H. Frank III, W. Russell Brown, Jr.

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include riders, amendments, and consents of surety, providing the bond penalty does not exceed Three Million Dollars (\$3,000,000) and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, scaled with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the U. S. Specialty Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and scaled and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate hearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted by unanimous written consent in lieu of meeting on July 7, 2003.)

In Witness Whereof, U. S. SPECIALTY INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 24th of August, 2004.

Corporate Seal

U. S. SPECIALTY INSURANCE COMPANY

State of Texas

County of Harris

SS:

Michael I Scholl President

On this 24th of August before me personally came Michael J. Schell, to me known, who, being by me duly swom, did depose and say, that he resides in Houston, Texas, that he is President of U. S. SPECIALTY INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the scal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.

SHERRI GIBSON
MY COMMISSION EXPIRES
Datober 17, 2005

_, Notary Public

My commission expires 10-17-04

I, Christopher L. Martin, Secretary of U. S. SPECIALTY INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Company at Houston, Texas this __31st_day of

October , 2004.

Corporate Seal

Christopher L. Martin, Secretary

Bond No.	B001236	
----------	---------	--

ASSUMPTION OF LIABILITY RIDER

It is hereby agreed by and between the under	rsigned principal and surety, in consideration for the additional
premium or consideration paid for this rider	; if any, and the consent by the United States to terminate the
period of liability on surety bond number	886682C , carrying the same principal and
Develoners Surety and Indemnity C	ompany as surety, the undersigned principal and surety hereby
assume any and all liabilities that may be out	standing on surety bond number <u>886682C</u> ,
including but not limited to the obligation to	p properly plug and abandon all wells existing, to which surety
hand number 286682C analisa	property plug and abandon all wells existing, to which surely
provided however that this sides shall not	and any unpaid rentals or royalties heretofore accruing;
provided, nowever, that this fluer shall not at	et to increase the potential or cumulative liability of the surety
above the face amount of the bond to which t	his rider attaches.
Executed this 31st day of October	
Witnesses	
W Milosaes	CRI Printel Assulation I D
	CEI Bristol Acquisition, L.P.,
*	Chaparral Energy, L.L.C.,
Name of Witness	Chaparral Oil, L.L.C.
Thomas C. Lough	Name of Principal
	73114 March Metics
	- Children Control of the Control of
Address of Witness	Signature
701 Cedar Lake Blvd., OKC, OK	73114 Mark A. Fischer, Manager
Principal's Address	Name and title of person executing for Principal
0 7 /	
Ohsel Batt /-	U.S. Specialty Insurance Company
Name of Witness Molly Battenfield	Name of Surety) ATT)
777 Post Oak, Ste 330, Houston, TX 77056	(1) XWI /
Address of Witness	Signature
reduces of Willess	Signature
	XXI Daniel Daniel X Audio Daniel
	W. Russell Brown, Jr., Attorney-in-Fact
	Name and title of person executing for Surety
29	13403 Northwest Freeway, Houston, TX 77040
	Surety's Address
	다른 이 전략 수 있는 이 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전

POWER OF ATTORNEY

PA001236

(To be used with bonds issued on behalf of U. S. SPECIALTY INSURANCE COMPANY)

Know All Men by These Presents That, U. S. SPECIALTY INSURANCE COMPANY (the "Company"), a comporation duly rganized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Edwin H. Frank III, W. Russell Brown, Jr.

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include riders, amendments, and consents of surety, providing the bond penalty does not exceed Three Million Dollars (\$3,000,000) and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the U. S. Specialty Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-fact shall be binding upon the Company as if signed by the President and scaled and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company herelofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted by unanimous written consent in lieu of meeting on July 7, 2003.)

In Witness Whereof, U. S. SPECIALTY INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate scal to be hereto affixed this 24th of August, 2004.

Corporate Seal

U. S. SPECIALTY INSURANCE COMPANY

State of Texas

County of Harris

22:

Michael J. Schell, President

On this 24th of August before me personally came Michael J. Schell, to me known, who, being by me duly swom, did depose and say, that he resides in Houston, Texas, that he is President of U. S. SPECIALTY INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



___, Notary Public

My commission expires / 0-17

I, Christopher L. Martin, Secretary of U. S. SPECIALTY INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Christopher L. Martin, Secretary

.porate Seal

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibilities of fine and imprisonment.

Name

s David P Spence

Manager of Regulatory Affairs

Title

*If certification is signed by a party other than the Injection well owner/operator a written statement of authorization signed by the owner/operator must accompany the application.

STATEMENT OF AUTHORIZATION

in my hehalf in executing any hereby	authorize David P. Spencer	to act
in my behalf in executing any necessary form Reports, etc., as required by the Environmen Control Program.	ns, to include Permit Applications, Contact Protection Agency Underground	ompliance Injection
Mark A. Fischer Printed Name		
Signature Light	2	
Manager of Chaparral Energy, L.L.C.		
March 12, 2009		